

**WHAT IS CLAIMED IS:**

1. A tensioned mask structure for a color CRT, the structure including a color-selecting mask that is formed with a plurality of electron beam passing holes therein, a mask frame on which the color-selecting mask is mounted, and a vibration-attenuating mechanism in contact with the color-selecting mask to damp vibration of the color-selecting mask, wherein an effective mask area of the color-selecting mask comprises:

a slit region having a plurality of long narrow elements that extend in a vertical direction of a screen of the CRT and are aligned to define slit-like holes between adjacent long narrow elements; and

a slot region having a plurality of slot-like holes shorter than the slit-like holes, the slot-like holes extending in the vertical direction;

wherein said slit region is formed in an area except a left peripheral portion and a right peripheral portion of the effective mask area.

2. The tensioned mask structure for a color CRT according to Claim 1, wherein the slit-like holes are defined by forming bridges that connect adjacent long narrow elements at predetermined intervals, the bridges near a boundary between the slit region and the slot region being formed in accordance with a shape of slit region such that a substantially straight boundary is defined between the slit region and the slot region.

3. The tensioned mask structure for a color CRT according to Claim 1, wherein the slit-like holes are defined by forming bridges that connect adjacent long narrow elements at predetermined intervals, the bridges adjacent to a boundary between the slit region and the slot region being formed in accordance with a shape of the slit region to define the boundary such that each of the bridges is displaced ahead of a preceding one in the vertical direction of the screen.

4. The tensioned mask structure for a color CRT according to Claim 1, wherein the slit region is symmetrical with respect to a horizontal center line of the effective mask area and with respect to a vertical center line of the effective area.

5. The tensioned mask structure for a color CRT according to Claim 1, wherein the vibration-attenuating mechanism includes:

at least two springs provided on the mask frame; and  
at least one damper wire mounted in contact with the color-selecting mask between the two springs so that the damper wire is held taut across the effective mask area.

6. The tensioned mask structure for a color CRT according to Claim 4, wherein the slit region has a horizontal length in the range of 5 to 95% of a full horizontal length of the effective mask area.

7. The tensioned mask structure for a color CRT according to Claim 4, wherein the slit region has a vertical length in the range of 20 to 100% of a full vertical length of the effective mask area.

8. The tensioned mask structure for a color CRT according to Claim 4, wherein the slot-like holes are defined by forming bridges that connect adjacent long narrow elements at predetermined intervals.

9. The tensioned mask structure for a color CRT according to Claim 8, wherein each of the slot-like holes has opposing perimeters that extend substantially in the vertical direction and a perimeter at an angle with the horizontal direction.

10. The tensioned mask structure for a color CRT according to Claim 8, wherein each of the slot-like holes has a constriction (16a) defined by projections (16) that project toward each other from adjacent long narrow elements.

11. A color CRT having a face panel, a funnel, and a neck which are formed in one piece construction, the color CRT incorporating a tensioned color-selecting mask according to Claim 1.

12. A tensioned mask structure for a color CRT, the structure including a color selecting mask formed with a plurality of electron beam passing holes, a mask frame on which the color-selecting mask is mounted, and a vibration-attenuating mechanism in contact with the color-selecting mask to damp vibration of the color-selecting mask, wherein the color-selecting mask comprises an effective mask area that includes a slot region (6) having slot-like holes and a mixture region having slit-like holes and slot-like holes;

wherein the slit-like holes are defined between adjacent ones of a plurality of long narrow elements that extend in a vertical direction of a screen of the CRT; and

wherein the slot-like holes are shorter than the slit-like holes and extend in the vertical direction;

wherein the mixture region (5) is formed in an area except a left peripheral portion and a right peripheral portion of the effective mask area.

13. The tensioned mask structure for a color CRT according to Claim 12, wherein the slit-like holes are defined by forming bridges that connect adjacent long narrow elements at predetermined intervals, the bridges being formed to define a substantially straight boundary between the mixture region and the slot region.

14. The tensioned mask structure for a color CRT according to Claim 12, wherein the slit-like holes are defined by forming bridges that connect adjacent long narrow elements at predetermined intervals, the bridges adjacent to a boundary between the slit region and the slot region being formed in accordance with a shape of the slit region to define the boundary such that each of the bridges is displaced

ahead of a preceding one in the vertical direction of the screen.

15. The tensioned mask structure for a color CRT according to Claim 12, wherein the vibration-attenuating mechanism includes:

at least two springs provided on the mask frame; and

at least one damper wire mounted in contact with the color-selecting mask between the two springs so that the damper wire is held taut across the effective mask area.

16. A color CRT having a face panel, a funnel, and a neck which are formed in one piece construction, the color CRT incorporating a tensioned color-selecting mask according to Claim 12.